

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-578 REV. F OR EARLIER  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-578 REV. 1 OR EARLIER

REF. TCCA STC: SH93-4  
REF. FAA STC: SR00028NY  
REF. FAA STC: SR00029NY  
REF. EASA STC: EASA.IM.R.S.01389  
REF. ARGENTINA STC: CTS-0508.13(A)

The D350-578-031 Wearplate kit can be installed on D350-578-011/-021 Bearpaw installations. The D3859-041 Wearplates should be installed on the D2432F or D2672F Bearpaws as shown in Figure 1 on Sheet 2 of this Service Instruction. The Bearpaws should otherwise be installed on the skidtube per installation instructions D350-578 Rev F or earlier.

Customers with old style bearpaws will need to rework the counterbore on the bottom of the bearpaws per Figure 1 on Sheet 2 of this service instruction.

## WEIGHT AND BALANCE

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D350-578-031 Wearplate Kit	3.00 lb 1.36 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	157.0 in 3.99 m	471.0 in-lb 5.43 m-kg


## PARTS LIST

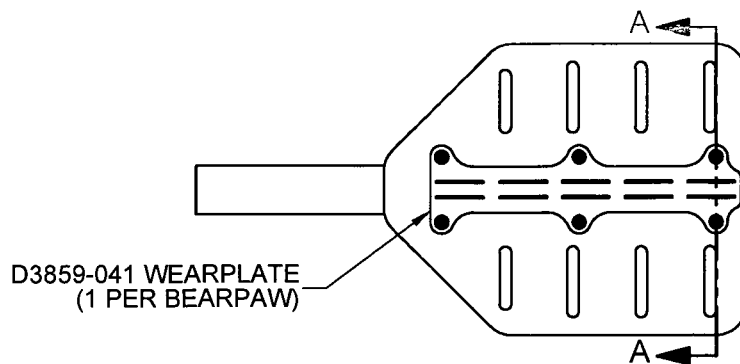
QTY. -031	PART NUMBER	DESCRIPTION
X	D350-578-031	Wearplate Kit
2	D3859-041	Wearplate
12	AN4-17A	Bolt
12	NAS1149D0463J	Washer
12	MS21042L4	Nut or (MS21042-4)

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY:   
D. SHEPHERD (DE # 02)

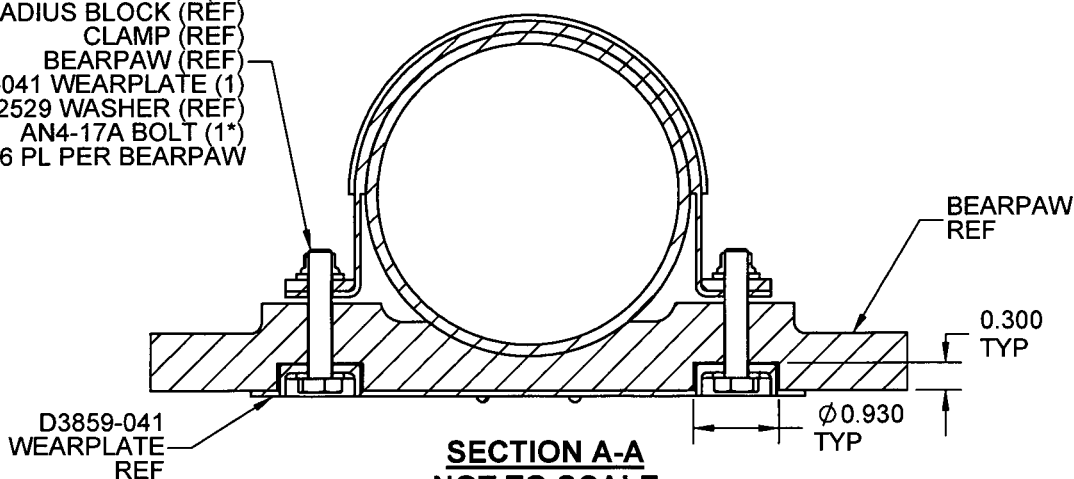
DATE: 09.01.15  
CERT. NO.: SH93-4  
ISSUE NO.: 7

A	NEW ISSUE		09.01.15
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9429	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		WEARPLATE KIT	NTS
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**BOTTOM VIEW**

MS21042L4 NUT(1)  
 NAS1149D0463J WASHER (1\*)  
 D2274 RADIUS BLOCK (REF)  
 CLAMP (REF)  
 BEARPAW (REF)  
 D3859-041 WEARPLATE (1)  
 D2529 WASHER (REF)  
 AN4-17A BOLT (1\*)  
 6 PL PER BEARPAW



**SECTION A-A**  
**NOT TO SCALE**  
**ROTATED 90° CW**

\* ADDITIONAL NAS1149D0463J WASHERS MAY BE INSTALLED UNDER NUTS TO ENSURE 1.5 - 4 THREADS IN SAFETY ON BOLTS. ALTHOUGH NOT GENERALLY NECESSARY, IT IS ALSO ACCEPTABLE TO REPLACE THE AN4-17A BOLTS WITH LONGER OR SHORTER AN4 BOLTS, IF REQUIRED.






**FIGURE 1: D350-578-031 WEARPLATE KIT**

CANADA  
 DEPARTMENT OF TRANSPORT  
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 BRANCH  
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**APPROVED**

BY: *D. Shepherd*  
 D. SHEPHERD (DE # 02)

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MFG. APPR.	N/A	DSI 9429	SHEET 2 OF 2
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